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IN THE CLAIMS:

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-20. Cancelled

21. (Amended) A wireless communications system, comprising:
an implantable medical device programmer; and
a remote web-based data center; and
an implantable medical device programmer in wireless, bi-directional communication with the remote web-based data center over a network connection comprising implantable medical device programmer using a communications protocol that emulates a client/server model such that commands entered on the programmer are executed as if entered directly on the remote data center and wherein the programmer runs includes dedicated software to access the remote data center such that commands entered on the programmer are executed as if entered directly on the remote data center.

22. (Amended) The system of claim 21 wherein the remote data center includes a database of clinical data and wherein the programmer delivers various clinical data are delivered to the remote data center in management of a the database.

23. (Amended) The system of claim 21 wherein the remote data center includes a set of executable commands implemented in the processor are

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delivered to the programmer in performance of maintenance including delivery of software upgrades on ~~imbedded systems of the programmer~~.

24. *(Original)* The system of claim 22 wherein the database includes usage logs, patient data, error logs, and performance parameter information.

25. *(Original)* The system of claim 24 wherein the usage logs include clock/timer data relating to the number of connections between the programmer and an implantable medical device.